

REMARKS

Claims 1-32 are pending, with claims 1, 8, 15 and 16 being independent. Claims 1, 4, 8, 11, 15-17 and 21 have been amended for clarity and claims 29-32 have been added. Support for claims 29-32 may be found, for example, in claims 4, 11, 17 and 21. No new matter has been introduced.

Claims 1-14 have been rejected as being unpatentable over Yamazaki (U.S. Patent Publication No. 2001/0055384) in view of Kim (U.S. Patent No. 6,466,292). With respect to claim 1 and its dependent claims, applicant again requests reconsideration and withdrawal of this rejection because neither Yamazaki, Kim, nor any proper combination of the two describes or suggests a light emitting device that includes first and second light emitting elements arranged over a substrate so as to emit light in front and back directions, as recited in claim 1.

As noted in applicant's prior response, the rejection indicates that Yamazaki describes first and second pixel portions including first and second light emitting elements in Figs. 22 and 24. However, these figures are directed to two different embodiments (embodiments 8 and 10), and Yamazaki provides no indication that the light emitting elements of those two embodiments would be provided in a single device over a common substrate, as recited in claim 1.

As also noted in the prior response, Kim, which the rejection relies upon for suggesting the inclusion of the light emitting elements of Figs. 22 and 24 of Yamazaki in a single device over a common substrate, describes a liquid crystal display device that does not include light emitting elements such as are recited in claim 1. Accordingly, Kim would have provided no guidance as to how to arrange light emitting elements such as those described by Yamazaki, and would have provided no motivation to do so.

The final rejection responds to these arguments by stating that Kim indicates, at col. 5, lines 9-13, that layers 100-102 of Fig. 3 can emit and reflect light. While that passage indicates that light may be "generated in the liquid crystal," one of ordinary skill in the art would have recognized that there is no element of layers 100 to 102 that emits (or generates) light, and that the passage was intended to describe light passing through the liquid crystal layer. In particular,

these layers, which include an upper substrate 100a, a lower substrate 100b, a liquid crystal layer 100c, a first front polarizer 101, and a second rear polarizer 102, are all passive layers, none of which emits light. Accordingly, nothing in Kim would have led one of ordinary skill in the art to modify the device of Yamazaki to reach the subject matter of claim 1, and the rejection of claim 1 and its dependent claims should be withdrawn.

Similarly to claim 1, claim 8 recites a light emitting device in which light emitting elements arranged over a common substrate emit light in front and back directions. Accordingly, the rejection of claim 8 and its dependent claims should be withdrawn for the reasons noted above with respect to claim 1.

Claims 15-28 have been rejected as being unpatentable over Yamazaki in view of Kim and Yamanaka (U.S. Patent No. 6,304,309). Similarly to claim 1, each of independent claims 15 and 16 recites a light emitting device having first and second light emitting elements that emit light in opposite directions. Accordingly, applicant requests reconsideration and withdrawal of this rejection for the reasons discussed above with respect to claim 1 and because Yamanaka does not remedy the failure of Yamazaki and Kim to describe or suggest this aspect of the claims.

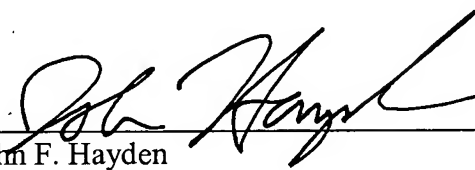
Applicant submits that all claims are in condition for allowance.

Enclosed is a check in the amount of \$790.00 for the Request for Continued Examination fee. Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: _____

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